



Docket: 14467.05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	John P. Snyder	
Appln. No.:	10/796,514	
Filing Date:	March 9, 2004	Examiner: Not Yet Known
Title:	<b>TRANSISTOR HAVING HIGH DIELECTRIC CONSTANT GATE INSULATING LAYER AND SOURCE AND DRAIN FORMING SCHOTTKY CONTACT WITH SUBSTRATE</b>	Group Art Unit: Not Yet Known

**POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In the above-referenced patent application, on behalf of **Spinnaker Semiconductor, Inc.**, I hereby appoint the Dorsey & Whitney LLP attorneys and agents associated with **Customer Number 25763** to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation.

Please address all telephone calls to: Min (Amy) S. Xu at (612) 752-7367.

Please address all correspondence to Min (Amy) S. Xu at the address corresponding to Customer Number **25763**, currently:

**DORSEY & WHITNEY LLP**  
Intellectual Property Department  
Suite 1500  
50 South Sixth Street  
Minneapolis, Minnesota 55402-1498

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of **Spinnaker Semiconductor, Inc.**

Dated: April 20, 2004

Signature: John Snyder

Name: JOHN SNYDER  
Title: CTO



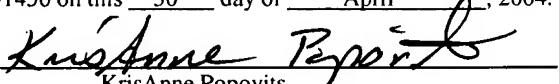
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	Group Art Unit: Not Yet Known	

## TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this 30 day of April, 2004.

  
KrisAnne Popovits

Dear Sir:

The following documents are enclosed in connection with the above-referenced patent application:

1. Communication (1 page);
2. Executed Power of Attorney (1 page);
3. Executed Submission Under 37 CFR 3.73(b) with copy of Assignment which was filed on April 29, 2004 (2 pages);
4. Return Receipt Postcard.

Respectfully submitted,

DORSEY & WHITNEY LLP  
Customer Number 25763

Date: April 30, 2004

By:   
Min (Amy) S. Xu  
Reg. No. 39,536  
Intellectual Property Department  
Suite 1500  
50 South Sixth Street  
Minneapolis, Minnesota 55402-1498  
Telephone: 612-752-7367



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**COMMUNICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this 30 day of April, 2004.

KrisAnne Popovits  
KrisAnne Popovits

Dear Sir:

Enclosed herewith for filing in the above-identified patent application is an executed Power of Attorney, appointing Dorsey & Whitney LLP as attorneys and agents in connection with the subject patent application.

Also enclosed is an executed Submission Under 37 C.F.R. 3.73(b), with a copy of the Assignment, which was filed April 29, 2004, attached, documenting ownership of the subject patent application.

It is believed that no fees are due in connection with this response. However, the Office is authorized to charge any fees associated with this response to Deposit Account 04-1420.

Respectfully submitted,  
**DORSEY & WHITNEY LLP**  
**Customer Number 25763**

Date: 4/30/2004

By: Amy S. Xu  
Min (Amy) S. Xu  
Reg. No. 39,536  
Intellectual Property Department  
Suite 1500  
50 South Sixth Street  
Minneapolis, Minnesota 55402-1498  
Telephone: 612-752-7367



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SUBMISSION UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**Spinnaker Semiconductor, Inc.**, a Minnesota corporation, is an owner of the patent application identified above by virtue of either:

1.  An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.

OR

2.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:
  - a. From: To:  
The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , or a copy of which is attached.
  - b. From: To:  
The document was recorded in the U.S. Patent and Trademark Office at Reel , Frame , or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of **Spinnaker Semiconductor, Inc.**

Dated: 4/20/04

Signature: John Snyder

Name: JOHN SNYDER  
Title: CTO

<b>ASSIGNMENT</b> <small>[Entity]</small>	Attorney Docket No.: 14467.05 First Named Inventor: John P. Snyder Title: <b>TRANSISTOR HAVING HIGH DIELECTRIC CONSTANT GATE INSULATING LAYER AND SOURCE AND DRAIN FORMING SCHOTTKY CONTACT WITH SUBSTRATE</b>
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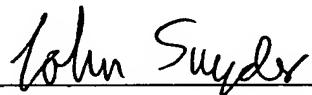
WHEREAS, I, John P. Snyder of 5705 Lois Lane, Edina, Minnesota 55439; and John M. Larson of 416 College Street, Northfield, Minnesota 55057, have invented certain new and useful improvements as described in an application entitled **TRANSISTOR HAVING HIGH DIELECTRIC CONSTANT GATE INSULATING LAYER AND SOURCE AND DRAIN FORMING SCHOTTKY CONTACT WITH SUBSTRATE** for Letters Patent of the United States, the application being identified in the United States Patent and Trademark Office by Application No. 10/796,514, filed March 9, 2004; and

WHEREAS, Spinnaker Semiconductor, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having offices at 7550 Market Place Drive, Eden Prairie, Minnesota 55344 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

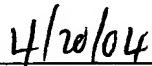
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.



John P. Snyder



Date



John M. Larson



Date